

# Scylla Asteria Medium



## Highlights

- NVIDIA Jetson Xavier NX Processor
- Supercomputer performance in Box PC form factors
- AI Ready for deep neural networks (21 TOPS)
- 8 GB 128-bit LPDDR4x RAM
- High Speed Interfaces (Gigabit Ethernet, USB 3.1)
- Low power operation (<18 Watts)
- Ideal for size and power constrained systems
- Fanless and robust design for 7/24 operation
- Individual configurations and ODM branding

## Connectivity Options



## Technical Specifications

<b>CPU</b>	Six-core NVIDIA Carmel ARM® v8.2 64-bit
<b>GPU</b>	NVIDIA Volta™ GPU with 48 Tensor Cores
<b>Memory</b>	8 GB 128-bit LPDDR4x
<b>Graphics Interfaces</b>	1xHDMI 2.0 for local configuration (max resolution 3840x2160)
<b>Interfaces</b>	1x Gigabit Ethernet 2x USB 3.1 Type-A, 1x CAN Bus 1x RS232/422/485 (software configurable) 2 Digital Input / 3 Digital Output
<b>Wireless Communication</b>	WiFi / Bluetooth / LTE / 5G Connectivity by extension sockets
<b>Power Supply</b>	9-28 VDC
<b>Internal Extension Sockets</b>	1x M.2 Type-E Key, 1x M.2 Type-B Key
<b>Internal Mass Storage</b>	16 GB eMMC 5.1 Flash, 1x MicroSD 1x M.2 Key-M SSD Slot
<b>Ambient Conditions</b>	-25° C ... +65° C
<b>Form Factor / Dimensions</b>	110 mm x 130 mm x 60 mm
<b>Operating Systems</b>	Ubuntu Linux 18.04



# IO version



## Highlights

- NVIDIA Jetson Xavier NX Processor
- Supercomputer performance in Box PC form factors
- AI Ready for deep neural networks (21 TOPS)
- Process 32 Full-HD video streams with
- Deepstream SDK
- 8 GB 128-bit LPDDR4x RAM
- 4K Video Decode & Display for local configuration
- Industrial IO options (RS232/485, CAN, Digital I/O)
- High Speed Interfaces (Gigabit Ethernet, USB 3.1)
- Low power operation (<18 Watts)
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- Fanless and robust design for 7/24 operation
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